BRUHAT BANGALORE MAHANAGARA PALIKE

RATE ANALYSIS

Name of Work: Asphalting to roads at Munikondappa Layuot and surrounding areas in Ward No. 14 Bagalagunte

(Based on Schedule of Rates for the year 2018-19 PW,P&IWTD Bangalore Circle)

Sl No	Description of work	Unit	Page No	Item No	Basic Rate in Rs.	Lead for 10Km	AW 6%	Total Rate in Rs	T. P @ +4.99% in Rs	Final Rate in Rs
	2	3	4	5	6	7	8	9	10	11
	EIRL ITEMS									
1	Removing and refixing stone slabs of drains and Pointing in CM (1:3)	Sqm	27	5.33	105.00		6.30	111.30	5.55	**116.85**
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter	Cum	143	19.1	130.00	82.60	12.76	225.36	11.25	**236.60**
3	Providing & laying RCC Drain Slab of 100mm (DATA RATE)	Sqm	Approved data Rate							**2337.00**
4	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	158	21.2	5.00		0.30	5.30	0.26	**5.56**
5	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	155	20.18	1888.00		113.28	2001.28	99.86	**2101.14**
6	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502	Sqm	158	21.6	32.00		1.92	33.92	1.69	**35.61**
7	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting thehot mix to worksite, laying to the required grade, level and alignment, rolling with, smooth	Cum	160	21.17.3	7426.00		445.56	7871.56	392.79	**8264.35**

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	2	3	4	5	6	7	8	9	10	11
8	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509	Cum	162	21.23.4	9663.00		579.78	10242.78	511.11	10753.89
9	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	182	24.15	429.00		25.74	454.74	22.69	477.43

Assistant Engineer
Ward No 14
BBMP

Assistant Executive Engineer
T Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Division
BBMP